

define the invention more clearly by stressing some of the differences between the invention and the system of Kato. The amendment to claim 1 is supported by the application as filed, e.g., page 8, lines 17-20 (calculation means 436 provides low speed data and high speed data); page 6, lines 16-18 and Fig.4 (user-interface 106 comprises a processor 306 provided with calculation means 436). Applicants respectfully submit arguments demonstrating patentability of the invention of the amended claims.

INVENTION

In the invention, the user interface controls the cursor speed by transmitting low speed data or high speed data to the cursor control means. The low speed data effect a relatively low cursor speed. The low speed data are transmitted for a predetermined time interval only. After the predetermined time interval has elapsed, the user interface transmits high speed data.

KATO

The Kato reference discloses a cursor movement controller in application software. The controller increases the moving speed of a cursor when the software detects that a specific key of a keyboard is depressed continuously for a prescribed time or longer.

ARGUMENTS

Kato neither teaches nor suggests the user-interface transmitting different types of data to the cursor control means to effect low or high cursor speeds. Kato does not disclose the keyboard transmitting different types of data that discriminate between high and low speeds. Arguably, the cursor control keys in the Kato system are the same passive elements as in any conventional keyboard. The system software detects whether such a key is depressed, depressed for a prescribed time or longer, or non-depressed, and controls cursor speed in response to such detection. The software is not located in the user-interface, i.e., not in the keyboard.

Also, the specification of the application as filed does not relate to a keyboard, such as the one disclosed by Kato, but relates to maneuvering devices instead. Page 1, lines 24-28, mentions a maneuvering functionality such as "a plurality of buttons each for control of the cursor movement in a particular direction". The Kato device has a plurality of keys, which are normally not referred to, in colloquial language, as "buttons". In addition, not each of the keys is involved in moving the cursor.

Accordingly, the invention of amended claim 1 is novel with respect to Kato.

Also, the invention is non-obvious in view of Kato. The Kato reference does not suggest that the keyboard should transmit two types of data: high-speed data and low speed data in a predetermined time relationship. It is the application software that determines how to control the cursor speed. Therefore, the skilled person finds no clue whatsoever in Kato

that induces him/her to provide the cursor moving keys with processing power that enables them to send high speed data and low speed data. Note that it is only some of the keys in the keyboard of Kato, the cursor moving keys, that are involved in cursor control. These keys would have to be singled out and to be provided with processing power for implementing the functionality of the user interface according to the invention, thus disrupting the uniform processing of the key-depressed information and the key-non-depressed information. Even if these particular keys were provided with processing power, it would be inconsistent with the software application of Kato that is designed to control cursor movement in response to detecting the time a key has been depressed.

The dependent claims cite subject matter that is patentable over independent claim 1. For example, claim 5 specifies at least the relatively low speed or the relatively high speed being rendered variable in response to the user manipulating the user interface. This feature provides a high

speed range and a low speed range and is neither disclosed nor suggested by the subject matter of claim 1.

Applicants respectfully submit that they have answered all issues raised by the Examiner and that the application is accordingly in condition for allowance. Such allowance is therefore respectfully requested.

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Respectfully submitted,

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